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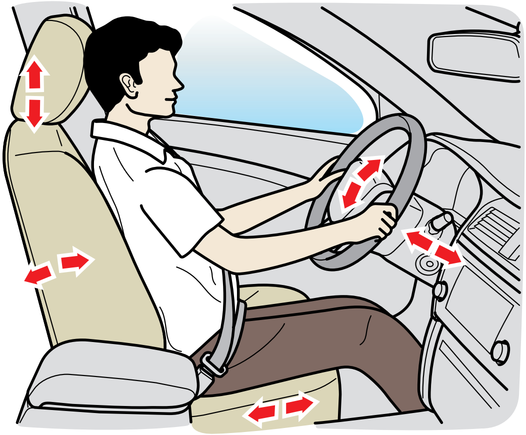
## Correct Driving Posture

Driver's driving posture can directly affect the driving safety and driver's fatigue degree.

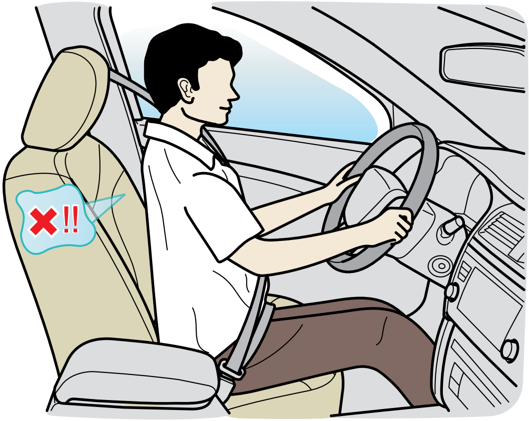
Correct driving posture can enable you to operate this car naturally, which is conducive to driving safety.



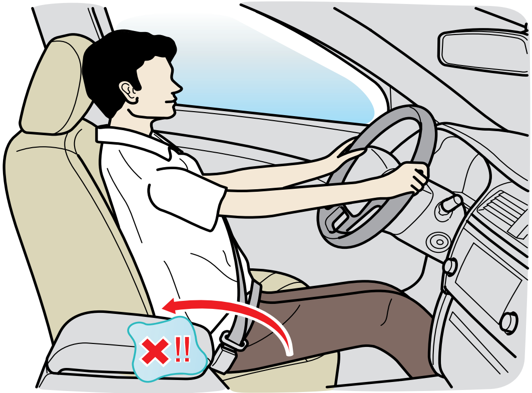
For the safety of yourself and the passengers, to reduce the risk of accidental injuries and deaths, the driver is recommended to do the following operation:

- Adjust the seat backrest to proper position, so that your back can fully contact with driver's seat backrest.
- Adjust driver's seat head restrain, so that the central back side of head can just rest on the center of head restrain.
- Adjust the driver's seat horizontally; carry out effective operation to the accelerator pedal and parking brake with the leg bent slightly.
- Adjust steering wheel to ensure that the distance between steering wheel and your chest should not be less than 25cm.
- Wear the seat belt correctly.

# Driving Posture and Vision



The clearance between your back and seat don't be too large



Don't adjust the seat backward too much

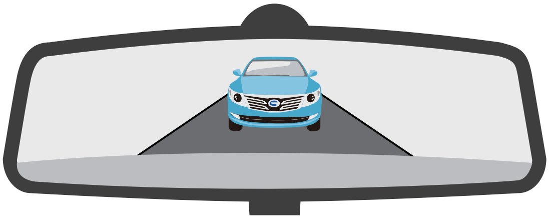
Correct driving posture can not only relieve driver's fatigue but also give a full play to use seat belt and airbag for protection when a traffic accident occurs.

## Adjustment of rearview mirror

It's important for your driving safety by adjusting the rearview mirror to the suitable degree.

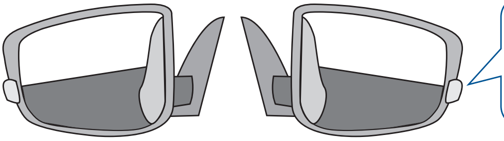
### Interior rearview mirror

You should be able to see and measure the distance from the car behind you through the interior rearview mirror. Otherwise, it is risky to safe driving.



### Exterior rearview mirror

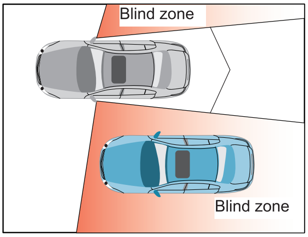
You can use convex mirror of exterior rearview mirror to help for getting wider vision to confirm whether there are other vehicles around you.



Adjust the angle of mirror to ensure that you can see the side of car through mirror. Adjust ground level to the level center of mirror.

### Check the blind zone which you can't see through exterior rearview mirror:

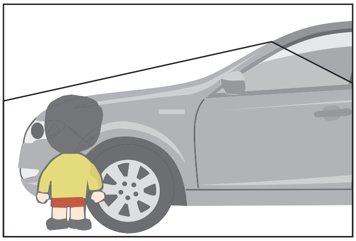
You can't see vehicles close to you from left or right side through exterior rearview mirror. Therefore, before changing route and turning, you need to directly observe surroundings by eyes except for using exterior rearview mirror.



## Visual blind zone

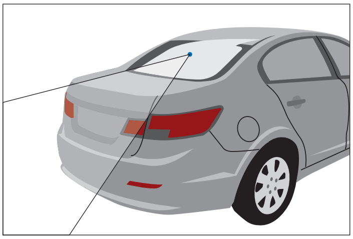
Different driving posture will lead to different blind zone. Please keep correct driving posture to confirm the range of blind zone.

The range of vision blind zone varies from vehicle models. Please don't drive into the blind zone of other cars during driving.



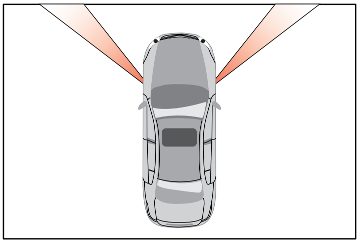
### Front blind zone

The front blind zone ranges from the ground to engine hood or doors. When parking, pay attention to check whether there is road curb or other barrier in front blind zone.



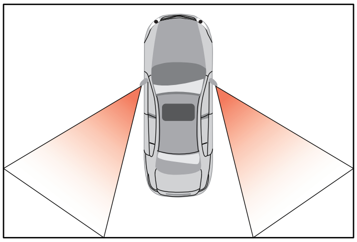
### Rear blind zone

Rear blind zone ranges from rear windshield to the ground. When reversing, make sure that there is no child or other potential hazard.



### Pillar blind zone

The pillar blind zone refers to a vision area which is shaded by pillar. This blind zone can be eliminated by merely turning around. When turning, you must form the habit of turning around to eliminate pillar blind zone.

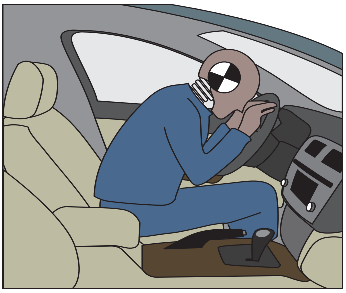


### Rearview mirror blind zone

The rearview mirror refers to an area from the side-view of the vehicle to slight back position. When driving forward or turning, you need to directly observe surroundings by eyes apart from using rearview mirror.

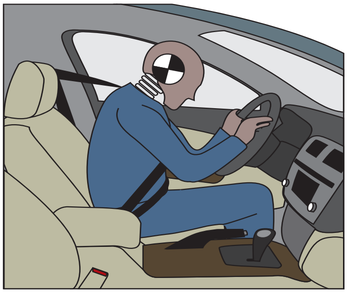
Wear seat belt correctly is a basic requirement for safe driving. When the car has a front impact, the seat belt can absorb forward movement of the passengers produced by inertia and effectively reduce passenger's impact injury.

When the car has a front impact to fixed obstruction at low speed, it can reduce movement trend of driver and passengers.



Movement without seat belt

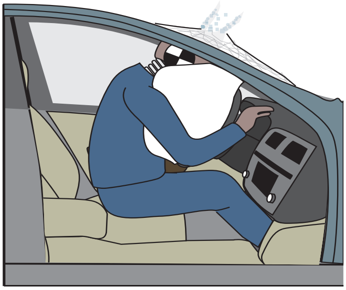
When the vehicle has a front impact to fixed obstruction at low speed, you can't protect yourself just by your hands.



Movement with seat belt

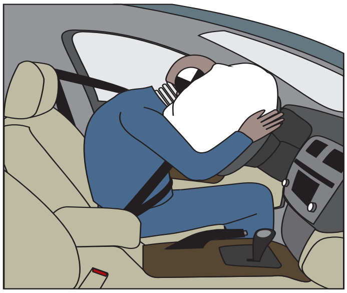
When the vehicle has a front impact to fixed obstruction, seat belt can firmly fix driver and passengers and provide effective protection for them.

When the vehicle has a front impact to fixed obstruction at high speed, it can reduce movement trend of driver and passengers.



Movement without seat belt

When the vehicle has a front impact to obstruction at high speed, if you don't wear seat belt, you may be forced to impact front windshield even if the vehicle is equipped with front airbag.



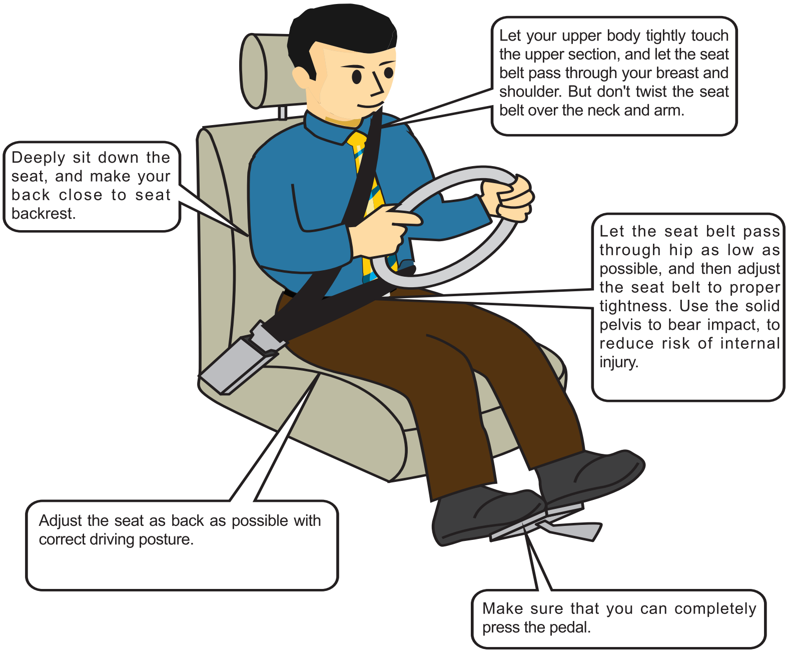
Movement with seat belt

When the vehicle has a front impact with obstruction at high speed, correct wearing of seat belt can enable you to get effective protection from seat belt and airbag, and relieve impact of collision to your head and upper body.

## Correctly wear seat belt even the destination is not far.

It is wrong to not wear seat belt merely because it is troublesome to wear it or the destination is not far. Passengers must wear seat belt even the destination is not far.

# Seat belt



Let your upper body tightly touch the upper section, and let the seat belt pass through your breast and shoulder. But don't twist the seat belt over the neck and arm.

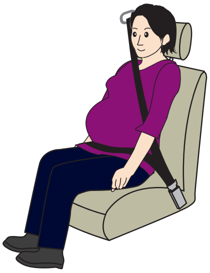
Deeply sit down the seat, and make your back close to seat backrest.

Let the seat belt pass through hip as low as possible, and then adjust the seat belt to proper tightness. Use the solid pelvis to bear impact, to reduce risk of internal injury.

Adjust the seat as back as possible with correct driving posture.

Make sure that you can completely press the pedal.

Make sure the shoulder belt rests across the center of your shoulder. Do not let the belt cross your neck. Make sure the shoulder belt fits over your shoulder. Seat belt at waist should be tightly close to pelvis. Don't let the belt press your stomach. Seat belt must be tied as needed.



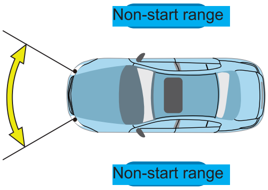
When pregnant woman wear seat belt, ensure that the lap belt across the hips as low as possible, not across the abdomen to prevent the unborn child from being affected.

## Tips

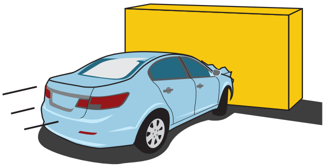
- The safety belt pretensioner together with the air bag will be triggered during high speed impact, to provide better protection
- The safety belt pretensioner will not be triggered again once triggered.

SRS is short for Supplemental Restraint System. When a vehicle has a serious impact with obstruction, the airbag will quickly open an inflated air cushion or start pre-tensioner to tight seat belt to absorb impact and energy from the driver and passengers due to movement caused by inertia and reduce injury degree.

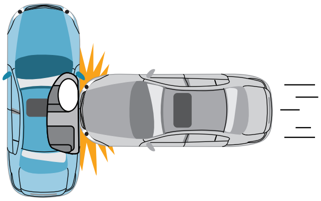
SRS airbag can be started when certain requirement is satisfied.



If the front of vehicle is impacted seriously, the right front airbag will be started automatically.



If the collision energy detected by vehicle control unit is less than the ignition requirement of control unit when a collision occurs, the system won't start airbag. Therefore, even if the vehicle is damaged badly, this does not mean the airbags will start.



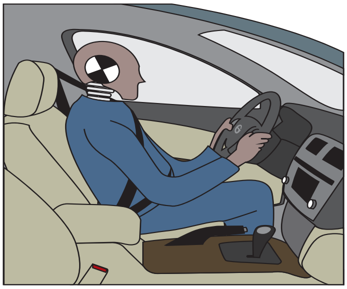
The side airbag and curtain will be deployed automatically during side strong impact.

ARS airbag is a kind of assist protective device of seat belt. Please wear seat belt correctly.

# SRS airbag

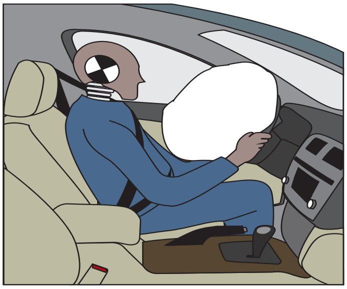
## Trigger procedure of SRS airbag

When a vehicle has a serious front collision, the crash sensor detects this impact (for example: the faces of driver and front passenger may also contact with steering wheel or instrument panel and get injured even if they correctly wear seat belt), the front airbag will be quickly inflated to reduce passenger's injury.



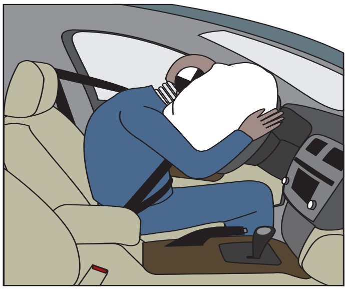
**The seat belt will tightly tighten your body during collision instant.**

When a vehicle has a collision, the seat belt will lock and tighten your body. SRS can judge whether it is necessary to trigger the airbag according to the impact force.



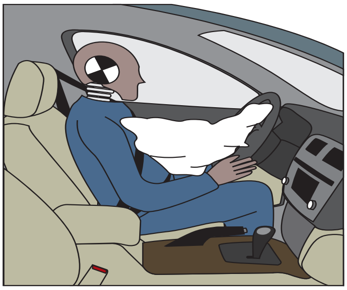
**SRS airbag deploying moment**

When SRS airbag receives signal and be triggered, seat belt will firmly fix driver and passengers on their seats.



**SRS airbag provides protection for driver and passengers.**

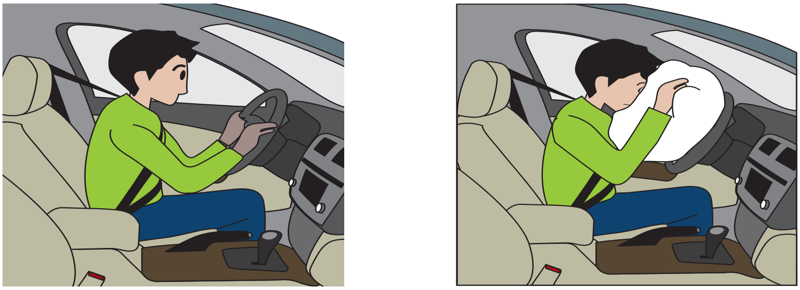
SRS airbag helps seat belt protect heads and upper bodies of driver and passengers.



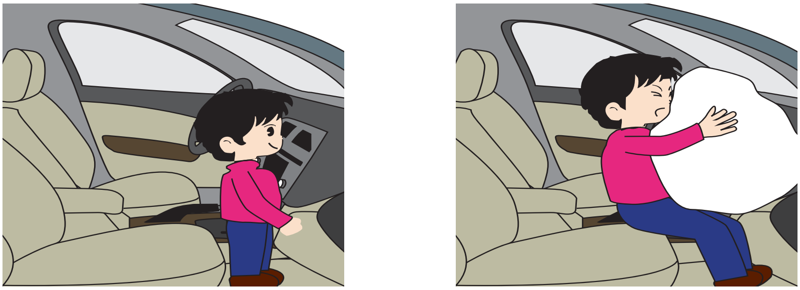
**SRS airbag will be shrunk quickly after being triggered.**

The rapidly release of air inside airbag can relieve and absorb impact from driver and passengers.

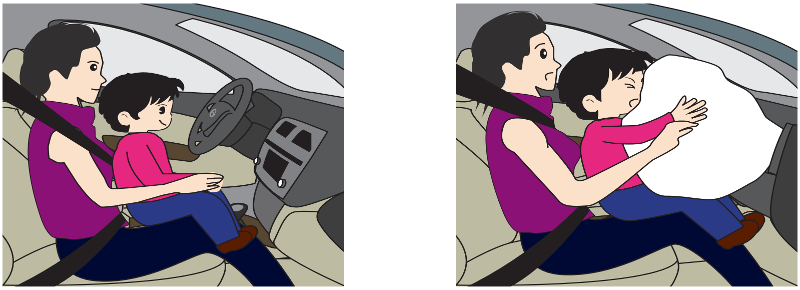
## Precautions about SRS airbag



During driving, don't lean your body to steering wheel. Otherwise, when SRS airbag is triggered, it may injure your upper body.



Don't let children kneel on the seat or stand inside the vehicle. Otherwise, when SRS airbag is triggered, it may cause serious injury.



Don't hold your child on your knee. If you do so, when SRS airbag is triggered, it may cause serious injury.

# SRS airbag

## Tips

- After SRS airbag is triggered, please don't immediately touch the inflation device, because the inflation device is very hot.
- After the airbag completely deployed, it immediately starts deflating so it won't interfere with your visibility.
- After SRS airbag is triggered, you can see smoke fog. Actually this is a kind of powder on the surface of the airbag which has no harm to human body. But if getting the powder in your eyes or on your skin, rinse your eyes or clean your skin with fresh water timely.
- A triggered airbag won't be triggered again.

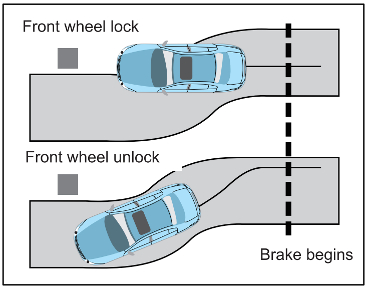
## The following actions may affect normal working of airbag:

- Put umbrella and other stuffs between front seat and door.
- Install seat sleeve on front seat.
- Protection film of the seat isn't unpacked.
- Place articles such as perfume bottle, doll on the front passenger instrument panel in the airbag deployment area.
- Replace and modify airbag components or airbag wiring harnesses without permission.

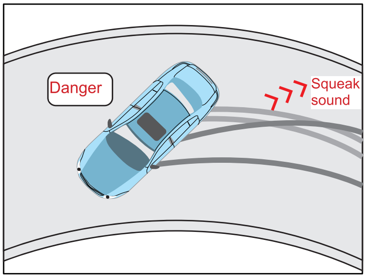
# ABS and EBD

ABS is short for Anti-lock Braking System. It is an electronic device which prevents wheels from being locked and stabilizes vehicle when there is an emergent brake or brake on skidding road. It is an important part of positive safety system.

EBD is short for Electronic Brakeforce Distribution and is a part of ABS. When a vehicle takes normal brake, it can uniformly distribute brake force to front and rear wheels based on vehicle's loading condition. Especially on slippery road, it can improve stability and operation of the vehicle during braking.



If the front wheel is locked, the vehicle can't turn and only can slide along the braking direction



If the rear wheel is locked, the drifting condition is easy to occur (even reach to 180° drifting under serious condition)

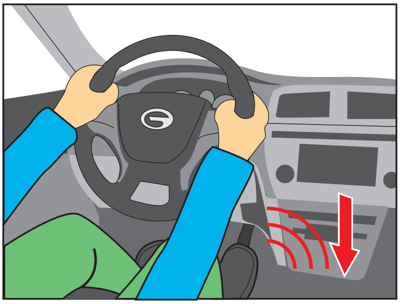
When there is an emergent brake, the brake pedal may vibrate. This is a normal working condition of ABS. At this moment, you need to continue to depress the brake pedal. Don't release the brake pedal merely because of the vibration.

# ABS and EBD

As ABS and EBD are safety assistant system, their functions are very limit. For example, when making a brake on sand and stone road or snowy road, it may have a longer braking distance compared with braking on concrete road or dry road. Don't take it for granted that ABS and EBD can get ideal brake performance under any condition. You must adjust your vehicle speed according to the weather, road and traffic conditions. To avoid traffic accident, don't take a risk to drive your vehicle just depending on limit safety functions provided by the system.

- The ABS cannot go beyond the kinematic law! It is still dangerous for a vehicle with ABS to drive on slippery roads! While driving, if the ABS is adjusting the brake pressure, immediately slow down to adapt to the road and traffic conditions.
- Improper operation or modification (such as modification of engine, braking system, driving system or wheels and tires) may affect the functions of ABS and EBD.
- Specified size of tires must be used. If installed with tires in improper size or non-uniform size, ABS can't work normally.

Under following conditions, light press the brake pedal to activate ABS. It is normal to feel vibration:



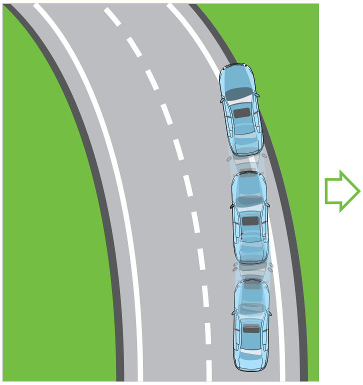
- When shifting
- When taking emergent braking
- When turning at high speed
- When driving on slippery road
- When driving on projected or pit road
- When making sudden start after the vehicle is started

# ESP and TCS

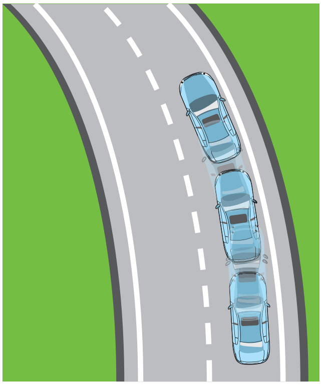
ESP is short for Electronic Stability Program. ESP system confirm the driver's driving intention according to steering wheel angle and vehicle speed, and constantly compares these information with actual driving condition. If the vehicle departs from the normal running route (e.g., skidding), the ESP will correct it by applying a braking force to the appropriate wheels.

TCS is short for Traction Control System. It is a subsystem of ESP. It can judge whether the drive wheel is skidding according to rotation speed of drive wheel and driven wheel. When the rotation speed of drive wheel is higher than that of driven wheel, this anti-skidding system can control the rotation speed of drive wheel.

ESP can effectively reduce the risk of vehicle sliding.



For vehicles without ESP



For vehicles with ESP

The ESP function can be deactivate in special circumstances.

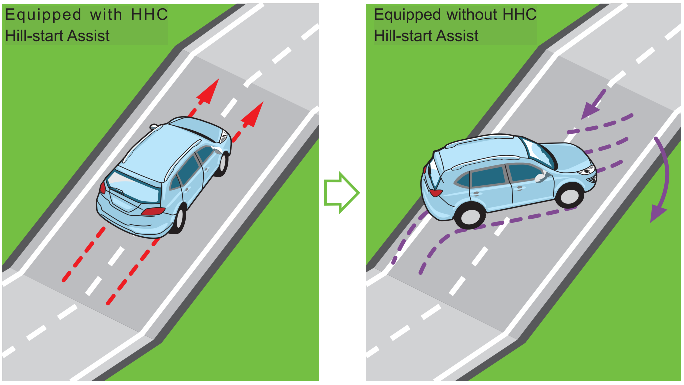
For example:

- The vehicle drives with tire chain.
- When driving on deep snowy or spongy road surfaces.
- The vehicle gets stuck (e.g., stuck in the muddy road), and needs to be moved back and forth.

Otherwise, activate the ESP.

# HHC and Autohold

HHC is the abbreviation of Hill Hold Control (Hill-start Assist Control System) and it's the sub-system of ESP. Hill-start Assist Control System (HHC) is the integrated function of ESP system, which can let the driver moves his/her foot from the brake pedal to the accelerator pedal easily without using the parking brake during starting on a slope and avoid rolling accident.

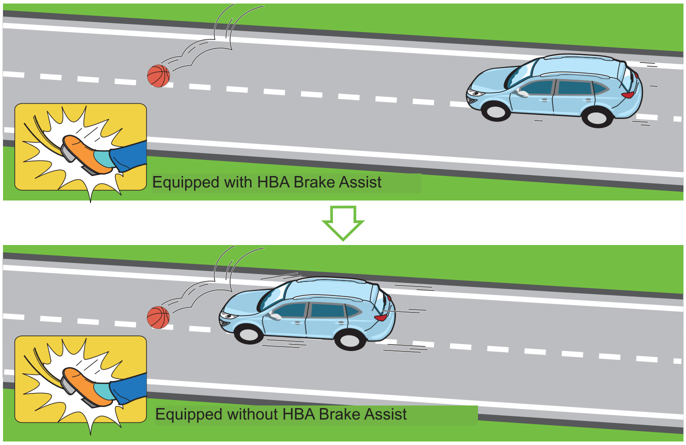


## Autohold

Autohold will keep the vehicle static automatically according to the driver's braking needs; the braking will be released automatically when the driver is tested to have intention of starting by the system; it may ensure the convenience of vehicle starting under auto release condition based on the ramp information and make the vehicle static by supercharging actively when short of braking.

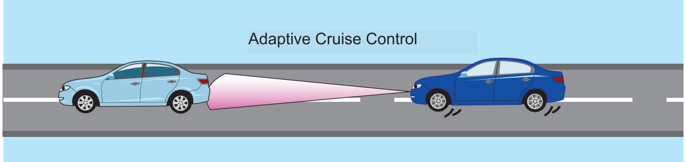
# HBA

HBA is the abbreviation of Hydraulic Brake Assist. HBA system will produce much more braking pressure than normal braking to gain shorter braking distance in emergency. The assist braking system will be closed automatically when brake pedal released, and then the braking system will return to its normal working state.

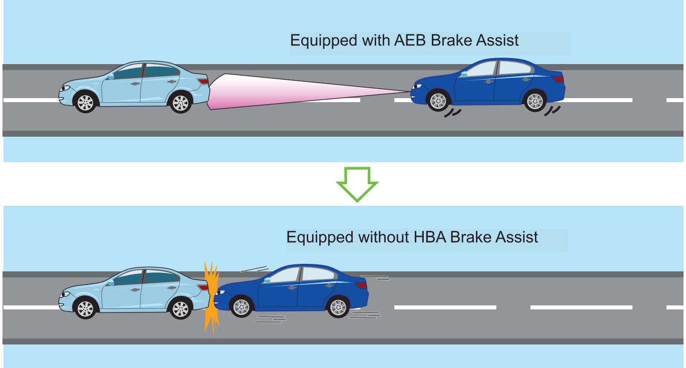

Equipped with HBA Brake Assist
Equipped without HBA Brake Assist

# ACC and AEB

ACC is the abbreviation of Adaptive Cruise Control, which detects the relative distance and speed between this vehicle and the vehicle ahead based on the radar installed in the front of the vehicle. The Adaptive Cruise Control system may implement braking to the vehicle to stop it when the front vehicle is stopped and the vehicle will restart under specific conditions. Thus, there's no need of operating the brake pedal and accelerator pedal actively when driving in expressway or in the queue. Besides, the driver doesn't need to stop the vehicle actively when driving in congested road and the front vehicle stopped; and this vehicle will start automatically when the front vehicle starting. The system may make the vehicle drive at a set constant speed without pressing the accelerator pedal when there's no vehicle driving in the front, enhancing the comfort greatly.



AEB is the abbreviation of Autonomous Emergency Braking. AEB system detects the relative distance and speed between this vehicle and the vehicle ahead and it will implement braking to the vehicle automatically when detects the impending impact. The system will increase the braking force automatically to avoid or mitigate impact when the driver is applying braking but it's insufficient to avoid impacting.

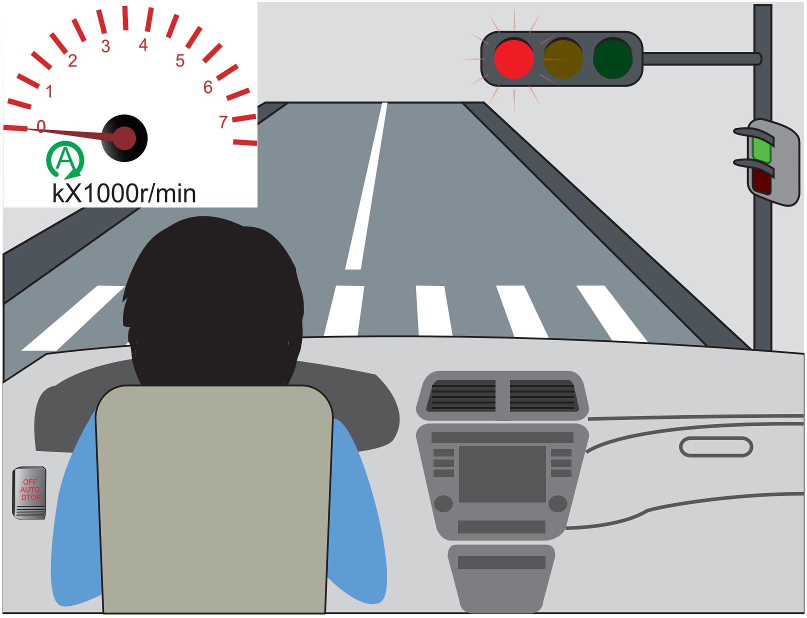

Equipped with AEB Brake Assist
Equipped without HBA Brake Assist

# Start-Stop Control System

Start-Stop System is a micro hybrid power technology. This device may stop the operation of the engine when waiting for the red light or in a traffic jam etc. and it will start the engine rapidly when senses the driver has the intention of starting such as pressing the brake pedal.

Advantages:

- Under urban working conditions, it can reduce the oil consumption effectively in idling and decrease the emission of vehicle noxious gas.



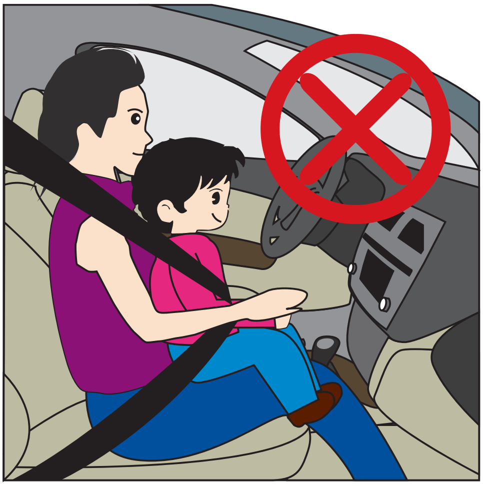
# Child safety

Children need adult's care and protection in car. Although parents and other adults take good care of children, they may also don't know how to protect children in vehicle.

## Precautions when children are in vehicle:

- Don't let children operate doors, windows, sunroof and seats.
- Use child safety lock to prevent children from opening doors during driving.
- Don't leave children in the car alone.
- Don't let children play with the seat belts.

## Common wrong methods of protection:



### Hold child on your knee.

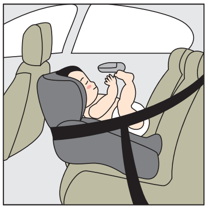
If you are holding a child and not wearing the seat belt, you may dash to the instrument panel and the child may get injured when there is a collision. If you are wearing the seat belt, the powerful force formed from the collision may separate the child from your arm.

### Share the seat belt with your child

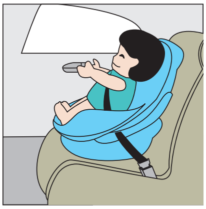
When there is a collision, the seat belt may deeply press the child and cause serious injury and even death.

The child must correctly wear seat belt. For infants too little to wear the seat belt, they must be put in protective device.

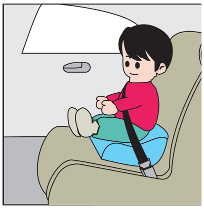
## Child Seat Classification (for reference only):



Infant seat:
Weight limit: Less than 10kg
Reference age: 0-12 months



Child seat
Weight limit: 7-18 kg
Reference age: 12 months - 4 years

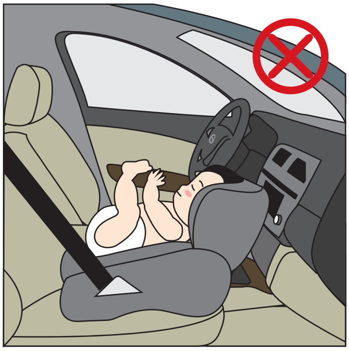


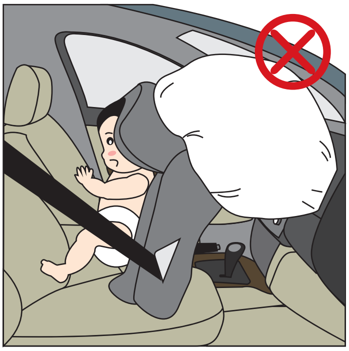
School-age child seat
Weight limit: 15-32kg
Reference age: 4 years – 10 years

## Child protective device must be firmly installed

The child protective device must be firmly installed on seat.

Don't install child seat with its back toward driving direction on the front passenger's seat.



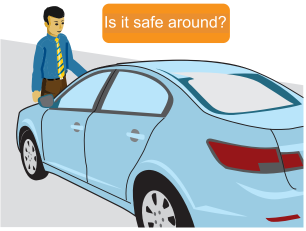


Please put the removed child seat into the trunk and fix it well or leave it at home. Don't leave it in vehicle. When there is an emergent braking or collision, the child seat which isn't installed well may thrown forward and injure other passengers.

# Essentials for getting on and off the vehicle

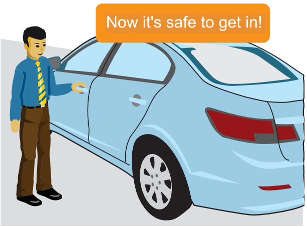
- Before getting on/off the vehicle, check the surrounding conditions, specially the rear of the vehicle.
- When getting on or off in wet condition, pay attention not to let your shoes carry snow or water, to avoid sliding on pedal and cause accident.
- Adults must help children to get on or off.
- Get into a good habit when getting on or off the vehicle.

## Essentials for getting on the vehicle


Is it safe around?

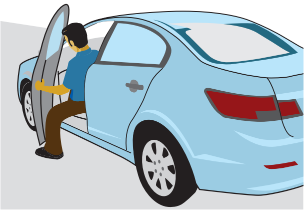
1.Make sure that the surrounding condition is safe.

Stand in front of the vehicle to check whether there is any vehicle coming.


Now it's safe to get in!

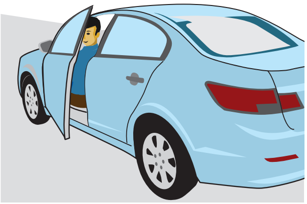
2.Re-confirm whether the rear of the vehicle is safe.

Stand at the side of the vehicle to check whether there is any vehicle coming.



3.Open the door

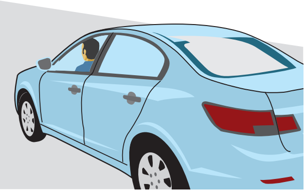
Please open the door to a degree that just suitable for your body to enter when getting on. Quickly enter into the vehicle and don't let your hand off the door.



4.Close the door

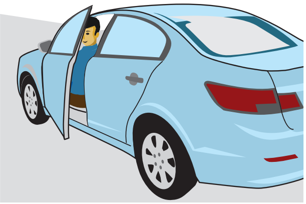
Shut the door when your hand is 10-20cm away from the door, and make sure that the door is closed tightly.

## Essentials for getting off the vehicle



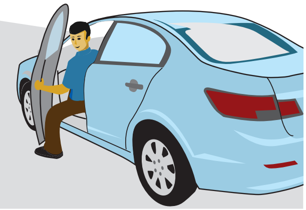
1.Make sure that the rear of the vehicle is safe

Check whether there are pedestrians or vehicles behind the vehicle through interior rearview mirror and exterior rearview mirror.



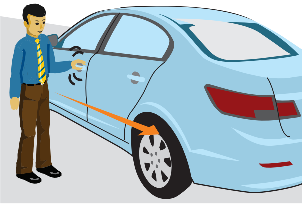
2.Open the door

After making sure it is safe, unlock the door and open the door slightly. After making sure it is safe again, open the door.



3.Make sure that the rear of the vehicle is safe

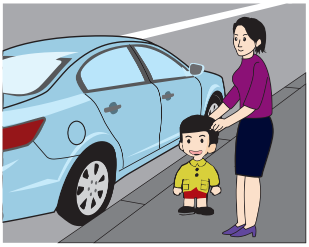
Quickly get off the vehicle, but don't let your hands off the door.



4.Close the door

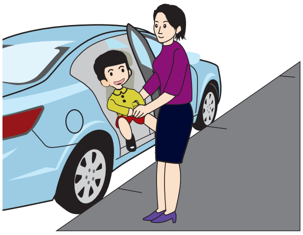
First push the door to a position about 10-20cm away and use hard force to close the door and confirm whether the door is closed tightly. After locking the door, go back to the rear of the vehicle.

## Essentials for child to get on and off the vehicle



1.Getting on

After confirming the surrounding circumstance for safety, the adult then open the door for child to get on the vehicle.



2.Getting off

The adult should get off first. After confirming the surrounding circumstance for safety, the adult then open the door for child to get off.

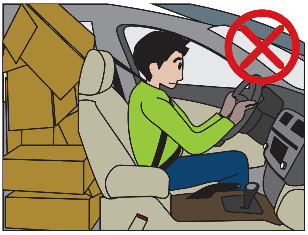
# Precautions before starting

## Check before starting

Before starting, you should give daily check and regular maintenance to your vehicle. If any abnormality is found (such as abnormal sound, unpleasant smell, and oil stains on the ground), please contact your dealer for inspection.

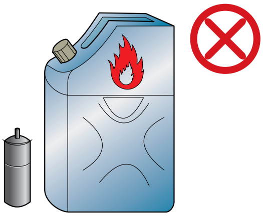
## Height of luggage in vehicle

If you want to carry luggage in vehicle, the height of your luggage should not exceed that of the seat. Otherwise, it may injure passengers in vehicle when there is an emergent braking or collision.



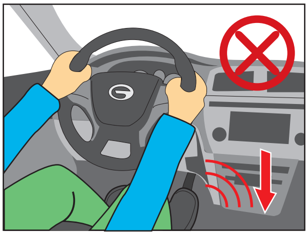
## Don't carry hazardous articles.

Don't carry hazardous articles in vehicle; otherwise, it may result in serious risk.



## Don't put any articles in footwell

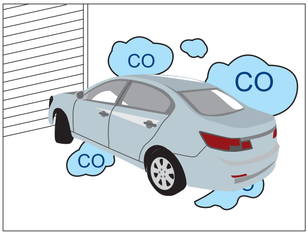
Do not place anything in the driver's footwell. Otherwise, the article may slide into pedal area and interrupt driver's operation to the pedal, and the driver even can't operate brake pedal or accelerator pedal, which may cause accident when there is an emergent braking or accident.



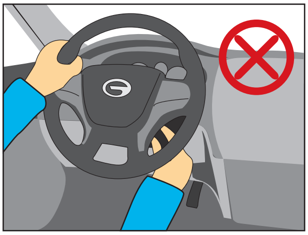
## Emission of waste gas

Make sure that the trunk lid is closed fully; otherwise the waste gas may enter into the vehicle.

Please don't run the engine at idle speed in garage or other poor ventilation places; otherwise, the waste gas may enter into the vehicle and cause carbon monoxide poisoning.

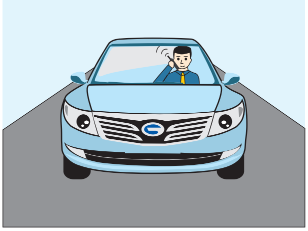


## Don't turn off the engine when the vehicle is driving



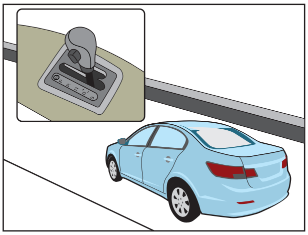
Don't turn off the engine when the vehicle is driving; otherwise, the vacuum booster will be disabled and cause the brake pedal stiffening and hazard potential.

## Don't answer your mobile phone during driving



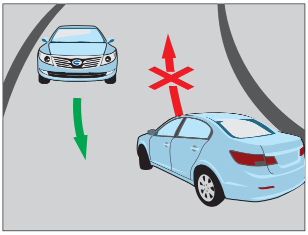
Don't answer your mobile phone during driving, because this may affect your attention and judgment to surroundings and cause traffic accident.

## Downhill road



If the downhill road is too long, please select low gear speed according to driving speed and make use of engine to brake. It is strictly forbidden to slide in neutral.

## Meeting

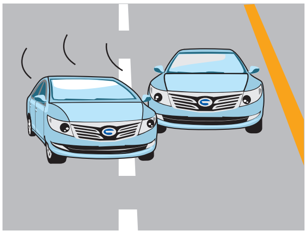


When meeting, please clearly indentify the status of the vehicle passing you and the road condition. Properly reduce vehicle speed and select specious and solid road to meeting. Follow the “three courtlinesses” of first give away, first lower speed and first stop.

# Precautions for driving

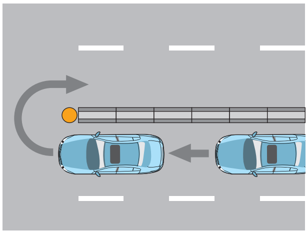
## Overtaking

When overtaking other vehicles, you should select straight road with good vision. The overtaking speed should not exceed limit speed specified by Traffic Law. Don't do this when the above conditions aren't satisfied.



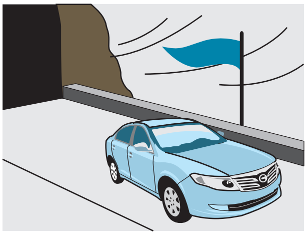
## Turning around

When turning around, select plaza, intersection or flat, specious and solid road to do so under safe circumstance. Avoid turning around on slope, narrow road or under traffic jam conditions. Don't select bridge, tunnel, and city gate or railway intersection to turn around.



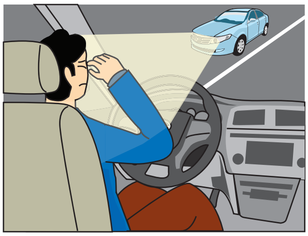
## When side wind is strong

When the side wind is strong, you should reduce the driving speed. When driving on tunnel port, bridge, dam and overtaking large-duty vehicles, the vehicle is easy to be affected by side wind. At this moment, please firmly hold the steering wheel and reduce driving speed.



## Be dazzled by oncoming headlights

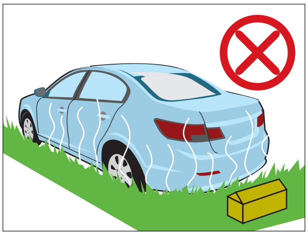
If you are dazzled by oncoming headlights, avert eyes to right side to escape dazzling light. Or take road curb as driving reference object. If the light is very strong, you can reduce the vehicle speed gradually and park the vehicle on road side if necessary.



# Precautions for parking

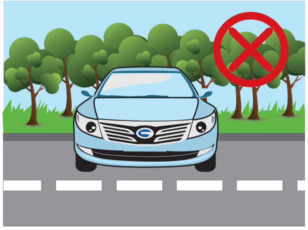
## Don't park your vehicle near inflammables and explosives

Don't park your vehicle near inflammables and explosives such as dry grass, wood and oil tank. Otherwise, it may cause fire or explosion due to waste gas or heat of exhaust pipe.



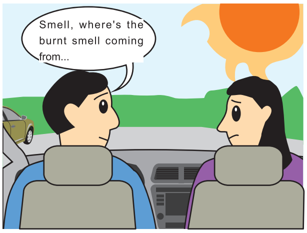
## Don't emit waste gas toward green belts.

When parking your vehicle near green belt, please pay attention to the parking direction. Don't let the waste gas of the vehicle directly towards the green belt, because this may damage the green belt.



## Don't place inflammables and explosives inside the vehicle

When parking the vehicle on hot weather, some inflammables and explosives such as lighter may combust spontaneously and bottles and tanks may crack because of high interior temperature and cause injury or even death.

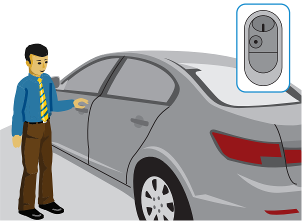

Smell, where's the burnt smell coming from...

## When leaving the vehicle

When leaving the vehicle, please pull up parking brake handle, stop the engine, unplug ignition key and keep it along with you, and lock the door.

When leaving your vehicle, don't leave valuables in vehicle. It's better to carry them along with you.

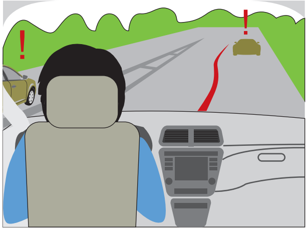
For vehicles equipped with EPB, please confirm the parking conditions before leaving the vehicle.



# Precautions for various road conditions

The uncertain and changing nature of traffic complexity, which involves persons, vehicles and roads, leads to the randomness and contingency of traffic accident. Therefore, a driver should maintain a sharp mind, stay calm under pressure, keep consistently excellent driving performance. While driving, the driver should respond to an emergency and take measures quickly. Also, a driver should be capable of handling a dangerous situation, reducing losses as lower as possible and simplifying complexities.

## Driving on bustling road

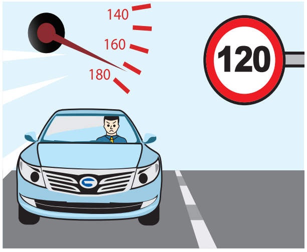


A bustling road is adverse to driving safety since it features massive crowds, moving vehicles and complicated traffic conditions. Therefore, a driver must stay focused, concentrate on pedestrians and other vehicles, and make correct judgments. On a bustling road, drivers should drive orderly in the vehicle queue and do not overtake.

## Driving at night

When driving at night, make sure that the vehicle lights work normally and meet specifications. Control the speed according to visibility and do not overtake if possible. When overtaking, change high-beam and low-beam lights continuously and use the horn if necessary, and then drive past front vehicles after they give way for your vehicle. In addition, pay attention to the safety of persons riding bicycles and pedestrians since they are easily dazzled by vehicle lights and can't see clearly.

## Expressway

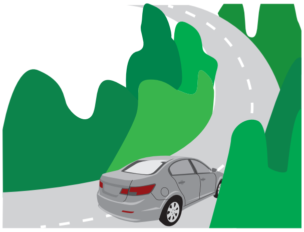


When driving on a highway, always hold the steering wheel firmly. When changing lane or overtaking, keep the steering angle as small as possible to prevent the fast-moving vehicle from drifting. When braking, do not fully depress the pedal, to prevent the vehicle from departuring.

Also, always follow the traffic laws and do not exceed the limit speed.

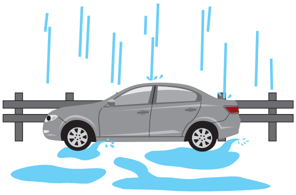
## ng on mountain road

When driving on mountain road, you should offer to give way to other vehicles, drive on right side, reduce vehicle speed and whistle in advance if necessary.



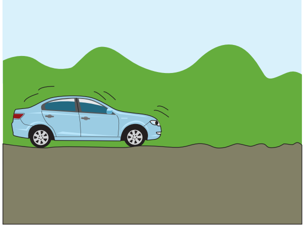
## Driving on muddy road

When driving on muddy road, you should reduce vehicle speed to stably drive the vehicle.



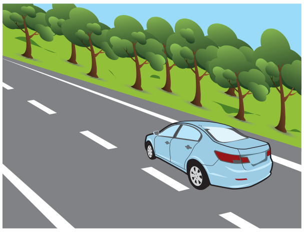
## Driving on uneven road

When driving on uneven road, you should reduce your vehicle speed to prevent chassis from being scratched.

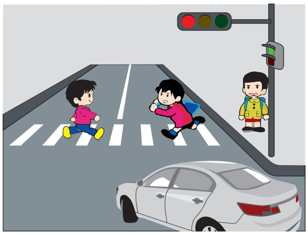


## Driving on wide and straight road

Because it is simply to drive on wide and straight road with monotonous view, you may tend to loose focus and feel fatigue, thus easily cause accident. Therefore, when driving on wide and straight road, the driver should still focus on driving with appropriate speed.



## Driving at crossroad

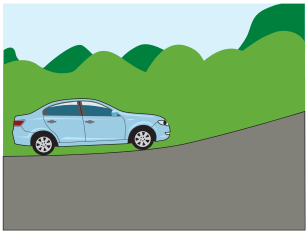


It is often very crowded at crossroad. Traffic accident is easy to occur at a crossroad; therefore, the driver here should be on a high alert. If there is traffic signal at a crossroad, please follow the traffic signal. If there is no traffic signal at a crossroad, please carefully check the movement trend of pedestrians and vehicles in a distance before entering into the crossroad, in order to smoothly pass this crossroad.

## Driving on curve road

As the vehicle often run at high speed, large inertia force and centrifugal force will be produced during traveling. The higher the vehicle speed is, the sharper the steering angle is, and the bigger the centrifugal force is. Under such condition, it is easy to cause vehicle skidding. If the vehicle's gravity center is high and road cohesion is bad, it is easy to cause rollover accident. Reduce speed before making a turn. Detect meeting vehicles, barriers and hazard in advance and handle them according to actual conditions.

## Driving on hill road



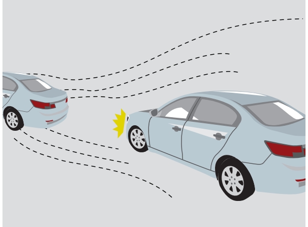
Before going uphill, carefully check whether vehicle load is distributed uniformly. Carefully check vehicle condition, especially braking force. If necessary, try to use braking performance. When going uphill, use low gear and avoid changing gear.

Before going downhill, carefully check braking performance. It is strictly forbidden to coast on flameout condition and in neutral position. If the brake is fail, make full use of the towing and stopping function of the engine to control vehicle speed. Decisively use natural barrier to exert resistance to the vehicle to consume vehicle's inertia, so as to make the vehicle out of trap at natural object.

## Driving on rainy day

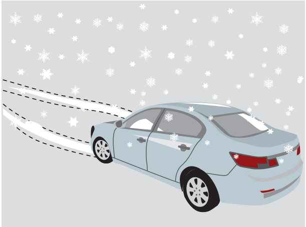
Before driving, carefully check whether the brake, wiper, lights, horn, steering gear are in good condition. During driving, you should reduce your speed if necessary, and keep a distance with front and rear vehicles, and don't overtake other vehicles. If there is any emergency, take early measures and don't make a sharp turn and emergent braking, to prevent vehicle from rollover. When the vehicle travels on water deposit road, detect the depth of water. The depth of water can't flood exhaust pipe. When passing water deposit road, reduce your speed and don't flame out and stop the vehicle during passing.

## Driving on foggy day



Because the visibility is low and vision is blurred on foggy day, it's difficult for the driver to clearly see road condition, which cause hazard to driving. In addition to turn on fog light and tail light, you should also drive the vehicle at low speed. If the fog is too thick, park the vehicle and drive it after the fog lifted.

## Driving on icy and snowy day

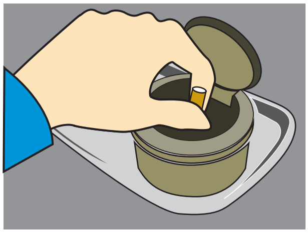


As the road surface is sliding and the cohesion is small, the rear wheel of the vehicle is easy to slide and run at no load condition. When driving the vehicle under such condition, slowly start the vehicle and drive at low and constant speed. Use the brake as little as possible, and avoid using emergent braking. On snowy and icy road, the braking distance is 3 times longer than that on common asphalt pavement. Therefore, during driving on such road, keep sufficient distance with front vehicles. Make advanced preparation for stopping the vehicle. It is strictly forbidden to slide in neutral. The driver may feel fatigue and be dazzled by light reflection of snow. Under such condition, please reduce the vehicle speed and stop the vehicle until your vision is recovered.

# Other precautions

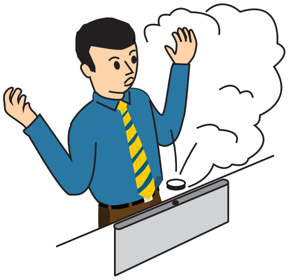
## Flame out cigar end

Throw the cigar end and match into ashtray after the engine is stopped. Please flick the ash into the ashtray to avoid spark scattering. Timely clean the ashtray, and don't put too much cigar ends or other inflammables into the ashtray.



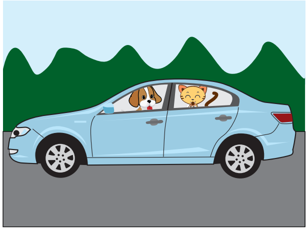
## Pay attention to coolant expansion tank

Please don't open the cover of coolant expansion tank when it is hot. Otherwise, the steam or hot water may flow out and cause serious scalding accident.



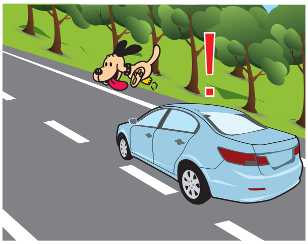
## Pets in vehicle

When carrying pets in vehicle, pay attention not to let them run around to avoid affecting driving.

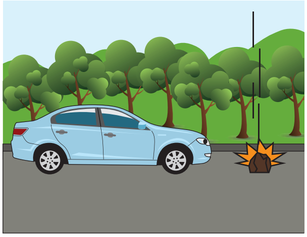


## When an animal rushes into the center of the road

To avoid frightening animals, don't press the horn. Check traffic condition through rearview mirror, and make sure that no hazard is caused when giving way to animal.

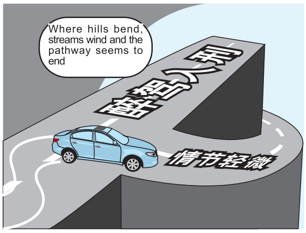


## Articles falls off the vehicle in front of your vehicle



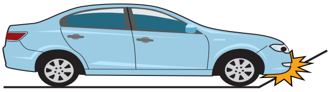
If your vehicle has a safe distance with the front vehicle, try to reduce vehicle speed and change lane. If your vehicle is too close to the front vehicle and the front windshield is broken by the articles, reduce your speed and contact your dealer for overhauling.

## Avoid drunk driving

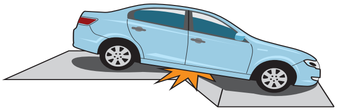

Where hills bend, streams wind and the pathway seems to end
醉驾入刑
情节轻微

Drunk driving is very dangerous. You must aware that even one cup of alcohol can affect one's judgment. If you had a drink, arrange others to drive. Don't drive after drinking.

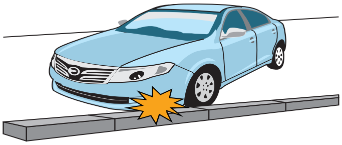
## Pay attention to the damage under the vehicle.



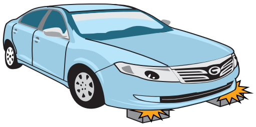
When driving from flat to up-hill, from downhill to uphill, and from downhill to flat road



When driving on uneven road or road with furrow



Park vehicle along the road shoulder



Park vehicle in a place filled with blocks

# Daily check

## Meaning of daily check

Daily check is crucial to safety. Daily check is to inspect bad condition to en-sure safety for driver, passengers and other persons.

Daily check can reduce maintenance cost of the vehicle.

Daily check can reduce air pollution and noise.

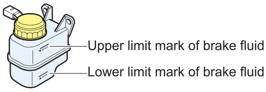
Frequent daily check can prevent danger and reduce repair cost.

The vehicle owner has duty and responsibility to carry out daily check and maintenance.

## Inspection of engine compartment

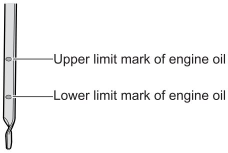
### Brake fluid reservoir

When the engine is in cooling condition, check whether the brake fluid level is within the scale marked on fluid tank. The brake fluid level should be between the upper limit “MAX” and lower limit “MIN”. If the fluid level is lower than “MIN”, it is necessary to fill it.


Upper limit mark of brake fluid
Lower limit mark of brake fluid

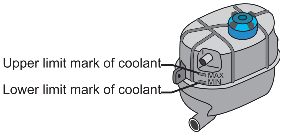
### Engine oil level

Park the vehicle on flat ground and open the engine compartment. Unplug the dipstick and clean the oil stain away from the dipstick, and then insert the dipstick deeply into the fluid and take it out, and then check whether oil level is between “MAX” and “MIN”.


Upper limit mark of engine oil
Lower limit mark of engine oil

### Coolant volume

When the engine is in cooling condition, check whether the coolant level is between “MAX” and “MIN”.

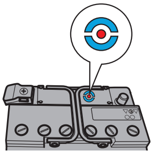

Upper limit mark of coolant
Lower limit mark of coolant
MAX
MIN

### Electric quantity of battery

The color in the monitoring window shows blue outer and red inner indicates better electric quantity of the battery.

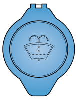
The color in the monitoring window shows red outer and white inner indicates inadequate liquid of the battery.

The color in the monitoring window shows white outer and red inner indicates inadequate electric quantity of the battery.



### Windshield cleaning liquid

Timely add the cleaning liquid after each use.

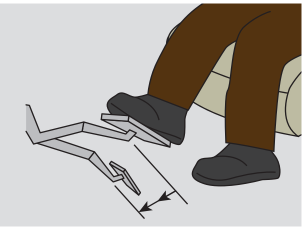


# Inside check

## Check whether the engine runs in good condition.

Start the engine and run it at idle speed. Check whether there is abnormal sound, and then slightly press the accelerator pedal to check whether the engine runs in good condition.

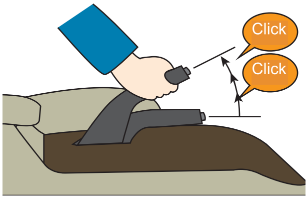
### Check brake pedal



Start the engine and press the brake pedal with hard force. Check the distance between pedal and floor.

If you do not press much force when pressing the brake pedal, it means air may enters into the braking system or the braking system has leakage, which may affect braking performance. Please contact your dealer for overhauling.

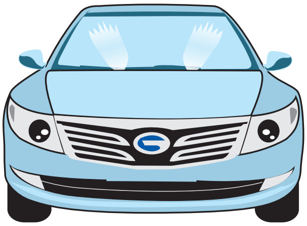
### Check parking brake



Pull the parking brake handle up to upper limit position, and check whether parking brake handle is locked.

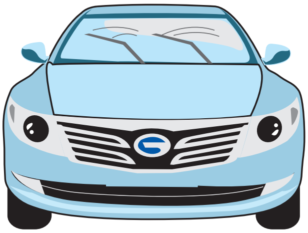
For vehicles equipped with EPB, the parking condition can be detected through red electrical park indicator. If the vehicle is switched off for a long time and the instrument has no display, please pull up the parking switch to confirm parking condition.

### Check the injection of windshield cleaning liquid



Turn on the injection switch of windshield cleaning liquid, and Check whether the windshield cleaning liquid is injected normally.

### Inspect the action of wiper



Trigger the windshield wiper lever to make the wiper work, and then check whether the wiper works normally at high speed and low speed.

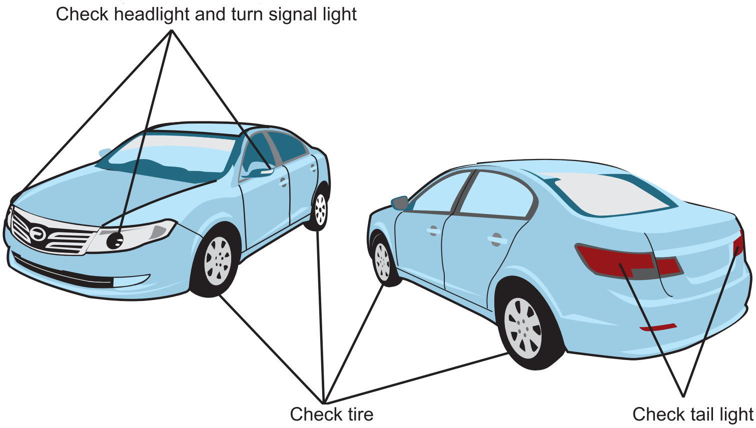
## Exterior check

### Exterior check

Check whether headlight and brake light works normally. Check whether the appearance is clean and free from damage.

Turn on headlight, tail light, turn signal light, position light and license light, and frequently check whether these lights work normally, and whether their appearances are clean or damaged.

Repeatedly press brake light and inspect whether the brake light works normally.


Check headlight and turn signal light
Check tire
Check tail light

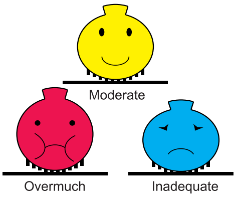
### Check tire condition

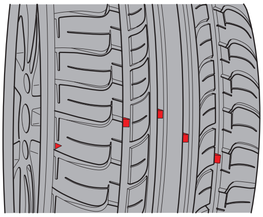
The service life of tire depends on tire pressure, driving style and tire assembly condition. Tires should be inflated according to specific pressure and checked regularly

Check the grounding connection of tires, and check whether tire pressure is sufficient. If permitted, please use a tire pressure gauge to check the tire pressure in cooling condition.

Visually check whether there is crack or damage around the grounding connection of tires and both sides, or whether there is any nail or rock pinning on the surface of tires.

Visually check whether there are serious abrasions, local abrasion or fault abrasion around the tire.





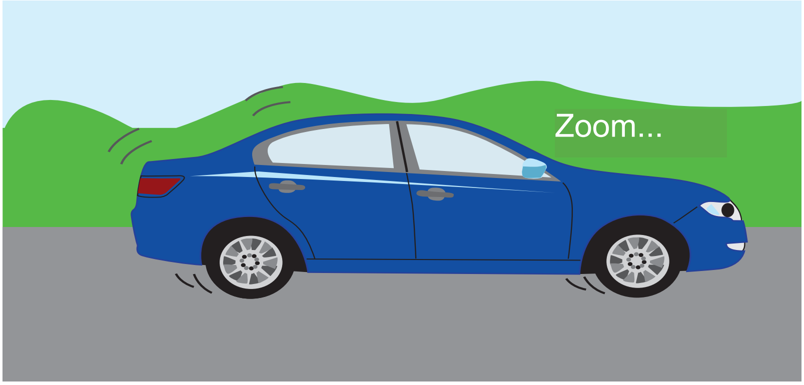
## Check during driving

### Check braking effect

While driving the vehicle on dry road at low speed, press the brake pedal to check whether the braking performance is normal.

### Status at low speed and acceleration speed

When the engine is warm, check whether the engine runs normally at idle speed. Slowly press the accelerator pedal, and check whether the accelerator pedal can take smooth action. Check whether the engine runs smoothly, and whether the engine has a fault or knock condition.



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## How to save oil during driving?

- There are many factors causing high fuel consumption. Commonly they are: bad driving habit, dirty air filter, leaded gasoline or poor quality gasoline, blockage of oil injector and improper tire pressure or size.
- Correct driving habits concerns many aspects. The most important one is: run the engine at idle speed for a few seconds according to the outside temperature or engine water temperature after the vehicle starts, and then shift gear to driving position, and slowly press the accelerator pedal.
- During driving, don't suddenly press the accelerator pedal to accelerate or use emergent brake. You should stably accelerate or brake, and observe front traffic conditions. When driving on bustling city road, don't follow your front vehicle so closely. If the red road light on your front crossroad suddenly lights up, you should release the accelerator pedal as early as possible to coast the vehicle. Don't run the engine at idle speed for a long time. When driving on highway, keeping vehicle speed at 90~100km/h can reduce fuel consumption. Cruise control can accurately control accelerator and keep constant vehicle speed, thus reducing fuel consumption.
- Keeping a vehicle in good condition is also an effective way to save fuel, for example, whether spark plug works normally, whether air filter is clean, whether gasoline or engine oil filter is clean, or whether fuel injector is blocked, etc. Second, keep normal tire pressure. Insufficient air pressure will increase fuel consumption. Please bear in mind that it's better to replace with a tire of recommended brand and size. Last, choose proper clean gasoline, because high-quality oil product is crucial to save fuel.
- For new cars in running-in period, the fuel consumption may be higher than normal, but a good driving habit may help. For example, keeping the driving speed in city or suburb at 50-80km/h and the rotation speed of engine between 1500-3000r/min can effectively reduce fuel consumption in running-in period.
- For cars with automatic transmission, the gear shifting time is judged by the user's use of accelerator. For cars with automatic transmission, the gear shifting time is judged by the user's use of accelerator. Generally a 1/4 accelerator of full stroke is suggested when driving in city.

## What damage will be caused to the vehicle by poor quality fuel?

Oil product of low-quality will generate large quantity of carbon deposited on piston, which will cause soft acceleration force, difficulty in starting as well as increase of fuel consumption and abnormal abrasion.

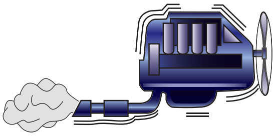
If wax and sulfur contained in fuel exceed standard level, the acidic materials produced during combustion will seriously corrode engine.

Impurities mixed in fuel may block filter and oil path, and even cut off the oil path and increase mechanical abrasion.

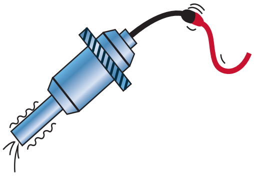
Water mixed in fuel will corrode parts and lead to failure of additives in fuel, and even create more gum which shortens service life of the engine. A large amount of water in fuel may cause engine misfire and jitter. This may also deform the connecting-rod after a long run, resulting in engine damage.

Good fuel must have the following features:

- Strong acceleration capacity
- Prevention of air lock
- Strong knock absorption
- Anti-corrosion
- Powerful movement
- Stable engine running condition
- Less fuel consumption
- Difficult to go bad and create gum.



Insufficient octane number (octane rating) may cause engine knock.

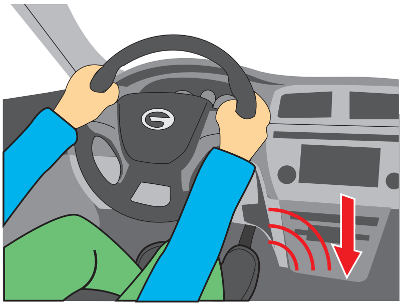


Excessive aromatics and alkenes can cause excessive glue content, which can block oil path and fuel injector.

## Why the vehicle vibrates (with slight sound) when an emergent brake is used ?

On emergent brake condition, to ensure shortest braking distance and keep steering capacity, the on-board ABS will give its full play: distribute braking force to tires according to computer's command to make the tire in both rolling and sliding conditions alternatively. Therefore, you will feel the vehicle body and brake pedal vibrating.

When ABS is working or self-checking, the motor inside ABS will run for a short time and valve body will frequently open and close. The movement of motor and valve body will produce slight sound.



Above conditions are normal, and please rest assured.

## Before stopping the vehicle, why the engine speed should be reduced from the maximum value (3 to 5 minutes) gradually?

The rotating speed and temperature of the turbocharger reach the maximum value when the engine is operated under maximum output power or maximum torque condition, then before stopping the vehicle, the engine needs to work under middle, idle speed or light load condition for some time, making the engine kept with a certain lubricating and cooling ability and gradually cool down its temperature thus to prevent the turbocharger running under inadequate oil condition and avoid the formation of carbon deposit carbonized by the remaining lubricating oil in the intermediate housing or bearing.

## In a few minutes after the vehicle is cool or engine is flamed out, why a slight “crackling” sound can be heard from the bottom of the car?

Exhaust pipe may expand due to heat and produce “clip” sound after starting the vehicle. Meanwhile, after the vehicle is turned off, exhaust system will shrink due to the drop of temperature. At this moment, similar sound can also be heard. This is common thermal expansion and contraction condition, which will not damage your car. Please don't worry about it.

Waste gas emitted from engine is high. When starting the vehicle on cooling condition, high temperature gas passes through exhaust system, which will cause rapid rise of temperature in exhaust system. Due to thermal expansion principle, exhaust pipe will expand slightly, which will produce slight sound around the exhaust pipe. Similarly, the exhaust pipe will contract due to cooling contraction principle, which will also produce slight sound around the exhaust pipe.

Above conditions are normal, and please rest assured.

## Why is there grumble sound when the vehicle with automatic transmission is started?

For cars with automatic transmission, at the beginning of braking or releasing brake pedal for starting car, the engine is still in a state of passing power to the car; meanwhile, there still have braking force between brake disc and brake shoe. The friction of brake disc and brake shoe produces noise. Such noise becomes “cooing” sound when passing though compartment. Most of cars equipped with automatic transmissions have such sound; therefore, it is a common condition in cars with automatic transmissions.

Above conditions are normal, and please rest assured.

## Why cars with automatic transmission can' t use “N” gear to slide during traveling?

As the structures of automatic transmission and manual transmission are different, their lubrication ways are different. Cars with manual transmissions are lubricated according to vehicle speed, also called “splashed lubrication”. However, cars with automatic transmissions are lubricated according to pressure. Such pressure is determined by rotation speed of the engine. For example, when vehicle speed is at 40km/h and N position is engaged, the transmission is at high rotation speed; while the engine at this moment runs at idle speed. Correspondingly, oil pump of transmission only can provide lubrication pressure for condition at idle speed. If coasting vehicle for a long time at N position, the clutch inside automatic transmission may be seriously worn because its temperature isn't reduced effectively.

Therefore, do not move the shift lever into N (Neutral) position when the vehicle is traveling!

## Why would happen the phenomenon that the manual brake has insufficient braking force to brake?

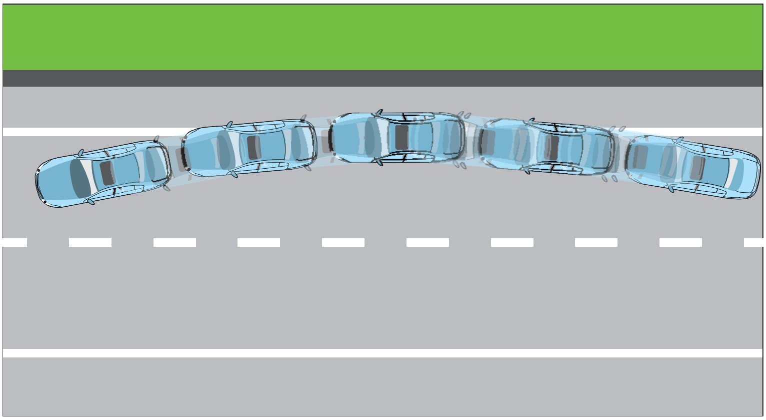
If the vehicle is equipped with EPB, when activating or releasing electronic manual brake, don't press the switch for too short time. If doing so, the electronic manual brake may be unable to receive signal to normally activate or release the brake. Meanwhile, you can observe indicator of manual brake on instrument panel to check whether your electronic manual brake is activated or released.

If the vehicle is equipped with traditional mechanical manual brake, when pulling up it to the first scale, the indicator will light up, but the braking force at this moment is very small. We suggest pulling up manual brake to upper scale, especially on slope road condition, to obtain big braking force.

## Why does the vehicle departure from road?

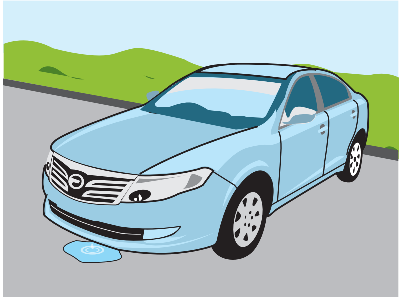
Before putting on the market, the vehicle must be adjusted in wheel alignment and checked in deviation. There should have no obvious deviation during driving. On actual driving process, due to road flatness, wind direction, non-uniform air pressure in left and right tires and other factors, the vehicle may have slight deviation.

In addition, please abandon the bad driving habits, such as two hands off the steering wheel, because this may cause vehicle deviation due to unbalance of steering wheel caused by external force. This may also cause potential hazard when driving on highway at high speed or making an emergent brake. To ensure your safety, please don't separate your both hands at the same time from steering wheel during driving the car.



## Why does water drop down from the bottom of the engine compartment?

This is condensing water produced during the normal refrigeration of A/C. When A/C is refrigerating, inside air gets high temperature at evaporator inside A/C. Water vapor in air condenses into water and drains out of evaporator through water drop pipe installed on the front wall and directly drips down to the ground. In addition, when A/ C is refrigerating, the temperature of A/C low-pressure pipe inside engine compartment is lower than ambient temperature. Water vapor in outside air also condenses into water on the surface of low-pressure pipe and drip down to the ground.



## What should be noted in battery usage?

If the vehicle can't be started due to insufficient battery voltage, this doesn't indicate that the battery is damaged. The battery at this moment may be just in power insufficient condition. After being charged, the battery can be fully restored.

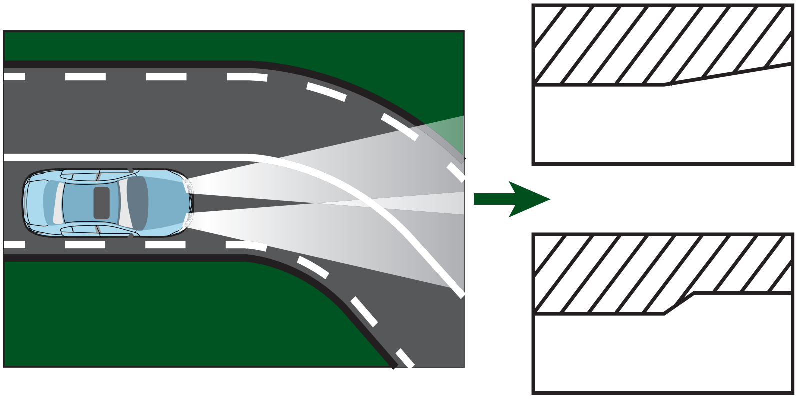
The following items should be notified in daily use:

Before leaving the car, please turn off all lights and electric devices inside car, to prevent battery from discharging for a long time.

If the vehicle will be unused for 15 days or more, please disconnect negative cable of battery, or start the engine once every several days and keep it running for a while to charge the battery on suitable condition.

## Why the left and right lights don' t have the same irradiating direction?

As the traffic law of China specifies that LHD cars should travel on right side, according to the law of headlight lens, the light direction of all vehicle lights are low on left side and high on right, i.e. the light direction on driver's side is high and low on passenger's side. This specification is to avoid interrupting driver's vision on opposite side and light the front way. Therefore, the difference in irradiation direction of left headlight and right headlight meets law requirements.



## Why does the radio have noise sometimes ?

Radio signal is sent from broadcasting station, and then received by antenna hidden on the surface of wind glass, and processed by antenna amplifier and enters into the radio. The signal strength is determined by the following factors. The change of these factors can affect signal receiving effect by station.

1. Frequency output of broadcasting station (broadcasting station with small frequency has limit transmitting distance and range)
2. Distance from vehicle to transmitter (the closer the position of vehicle to transmitter, the stronger the signal will be).
3. Atmospheric conditions (If there is strong magnetic field in air, it may interrupt signal transmission).
4. Station's wave bands (FM or AM)
5. Ground conditions (high buildings, hills or ambient vehicles can interrupt FM signal and cause intermittent sound hearing).
6. Barrier between transmitter and vehicle.

## Why does the vehicle departure from road in the course of navigation? Why the sound system with navigation can' t set date?

Navigation system uses GPS satellite positioning signal, vehicle speed signal and gyroscope's signal to position a car. When GPS satellite positioning signal is strong, the navigation system can calculate car's exact position. But if the satellite positioning signal is weak for a long time (such as in tunnel), the navigation system can't correct the error of vehicle speed signal and gyroscope's signal by satellite positioning signal. At this moment, the calculated position is not accurate, and the vehicle may deviate from road. When the vehicle draws out from tunnel, effective GPS satellite positioning signal is received and vehicles is re-positioned rapidly.

The date shown on sound system with navigation system can be automatically updated with GPS time. You needn't to adjust this time manually.

## Why the wiper can't wipe glass cleanly?

As the wiper rubber strip is made of rubber and exposed outside and weathered sun light and rain for a long time, the deterioration of wiper strip starts from the time it is installed.

Damage which can be observed by eyes:

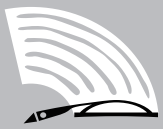
Cracks, rusting, deformation, attachments, color change, etc.

Damage which can be heard by ears:

Jumping, vibration and other abnormal sound.

Damage which can be felt by hands:

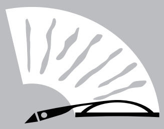
Rubber hardening, loosening of metal parts, etc.



Symptom: long horizontal crack appears, which affects vision.

Cause: the rubber strip of wiper blade has foreign matters or the edge of rubber is damaged.

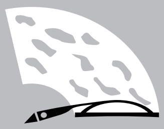
Solution: clean the edge of rubber. If the fault still exists, replace wiper blade.



Symptom: wiper blade produces abnormal sound, vibration, and unable to run.

Cause: there is oil stain on the glass or the rubber strip is deformed.

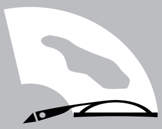
Solution: clean the glass. If the fault still exists, replace wiper blade.



Symptom: water marks leave on the glass after the glasas is wiped by wiper blade.

Cause: rubber strip is deformed.

Solution: replace wiper blade



Symptom: rubber strip can't tightly touch the glass surface, which causes the condition that wiper can't uniformly wipe the glass surface.

Cause: rubber strip is deformed or wiper blade frame is deformed, which cause insufficient pressure.

Solution: replace wiper blade

## What should be noted in daily use of wiper?

1. Wiper must be used for rainwater. Wiper blade is namely used to wipe rainwater from front windshield. Don't use wiper blade if there is no rainwater. If the wiper blade is used without water, the friction force will increase, and cause damage to rubber blade and wiper motor.

2. Even if there is only a little rainwater, it is also unnecessary to use wiper blade to wipe so little rainwater. Wait until there is enough rainwater on the glass surface. Here “enough” doesn't mean a degree shading driver's vision.

3. It is not encouraged to use wiper blade to wipe dust from windshield. If you have to do this, please spray some water onto the glass. Never use wiper blade to wipe dust without water.

4. If there are some solid things on the windshield, such as bird's droppings, don't directly use wiper blade to wipe them away. Please first use your hands to clean them. There solid things may cause local damage of wipe blade, and cause the condition that the wiper can't wipe rainwater cleanly.

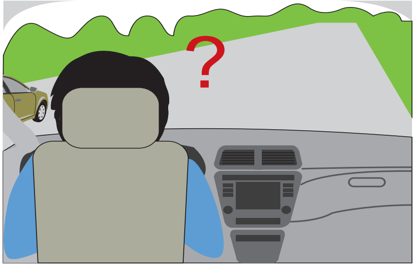
5. Some earlier waste of wiper blade is directly related to improper cleaning of the car. If the front windshield is improperly wiped when cleaning the car, oil film on the surface will be wiped away. First, water can not drip down smoothly and may stuck on glass surface. Second, the friction between rubber blade and glass surface will increase. This is also the reason for intermittent stop of the wiper. If the wiper blade is stuck while motor continues to run, it may cause damage to motor.

6. Normally the wiping result can be seen several seconds later after wiper stops working. The optimal cleaning effect appears after the water on the surface of glass is dry.

## How to deal with the fog on windows?

What's the mechanism of window fogging?

Rationale: in winter or on rainy days, inside temperature is higher than outside temperature. Water vapor inside condenses into mist after encountering cold glasses. Misting is a natural condition. The narrower the vehicle space is and the more the passengers in car, the more serious this condition will be.



Treatment: for front windshield and side windshield, you can use A/C to remove mist. For rear window, you must use defroster/ defogger to remove mist.

Working principles of A/C defroster

A/C circulation

Switch the A/C circulation mode to “outer circulation” mode to enhance air changing with outside air and reduce inside humidity and temperature difference.

Defrosting by cooling air

Adjust A/C to low temperature mode to remove mist from glass surface by using cooling air.

Windshield defroster/defogger

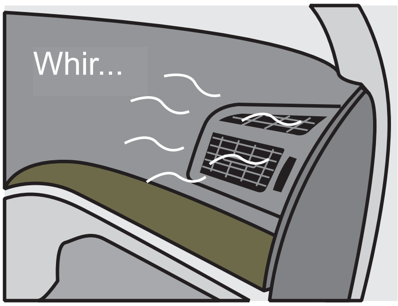
Heat the whole glass directly by using warm air or electric wire to make the glass temperature be higher than condensing point under such humidity, so that mist can't be produced on the glass surface and condensed mist are evaporated due to high temperature.

## How to rapidly reduce the interior temperature in hot days?

Set A/C to AUTO mode and adjust A/C temperature to the expected value; set circulation mode to “outer circulation” mode, and open the wind for 1 to 2 min (this can help rapidly remove high-temperature air). And then set A/C circulation mode to “inner circulation” mode, close windows, and the A/C will automatically adjust temperature to the set value.

## Why does the air vent have big noise when turning on A/C in hot weather?

When turning on A/C, if the set temperature is different from the actual inside temperature, A/C system will automatically select maximum wind speed to achieve rapid temperature drop. At this moment, the noise at air vent is very obvious. This is normal condition. Don't worry about it.

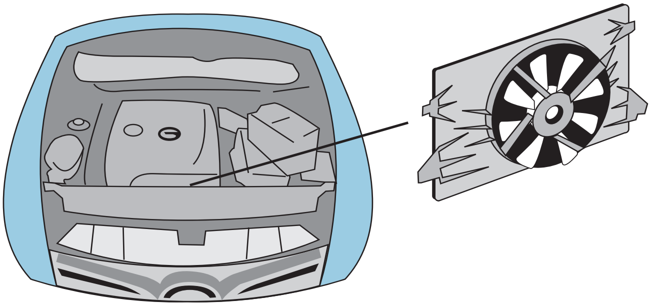


If you are troubled by noise at air vent, carry out the following operation:

1. Adjust your expected temperature to get close to actual inside temperature.
2. Change AUTO mode into MANUAL mode, and reduce wind speed of blower.

## Why are the radiator fans still running after the vehicle stops?

Running of radiator fan is not necessarily related to the start of the car. When the engine's water temperature is higher than set value or A/C's pressure is higher than the specified value, the radiator fan will run to reduce engine's water temperature and protect engine's parts from being damaged, ensure normal working of A/C under normal pressure condition and obtain perfect refrigeration effect.



## Why the rear door can't be opened from the inner side of the car?

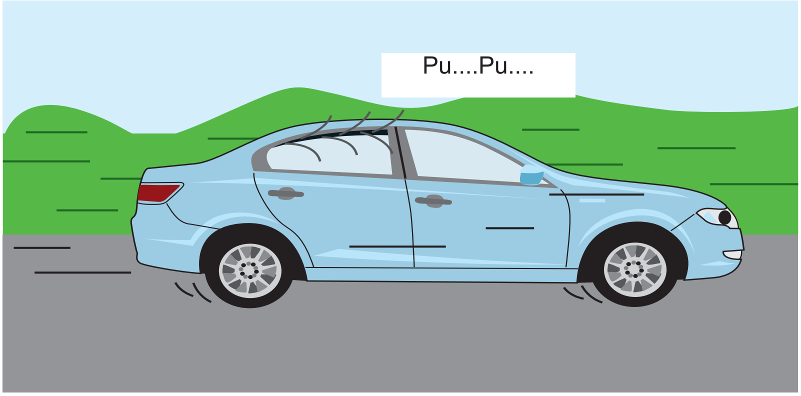
In daily use, sometimes the rear door can't be opened from the inner side of the car. At this moment, please check whether you activate child lock unintentionally.

Child lock is used to prevent child sitting on rear seat from being injured by playing door lock device. Therefore, once being locked by child lock, the door can't be opened from the inner side of the car.

## When opening rear window, why the vehicle compartment produces “proofing” airflow sound?

This is a normal condition. Most of vehicles will produce similar sound under the specified condition. This is normal aerodynamics phenomenon.

You just open any of the front door window for more than 5cm, or close up all door windows to eliminate airflow sound.



## How to remove stains from trim?

In the use of the car, it's hard to avoid trim stains. If there are some stains difficult to remove, please contact your dealer to consult or buy relevant detergent to clean trim.

## How to remove unpleasant smell from a new car?

As a new vehicle is like a newly-decorated house, some unpleasant smell is unavoidable. After using a period of time, this unpleasant smell will gradually disappear.

Methods to eliminate unpleasant smell from a new car:

Natural ventilation: keep good ventilation in car.

Absorption: place some smell absorber in car. Such as activated carbon, bamboo carbon, and pomelo peel, etc.

Good habit in using car: don't use cheap perfume, because it only covers unpleasant smell, but cannot eliminate it. Don't smoke or eat in vehicle as much as possible, etc.

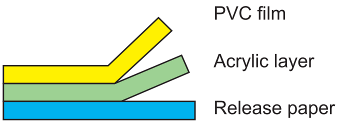
## Why does the paint surface of door handle groove have scratches?

This position is frequently touched by user's nail. The reasons of painting scratches are as follows:

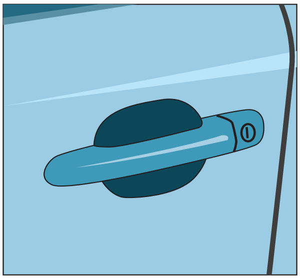
1. When opening vehicle door, your nail often touches oil paint, which causes scratches on the paint surface of door handle groove.
2. After using a period of time, the user carelessly scratches the paint.

This is normal vehicle conditions. We suggest you being careful when opening the door. Meanwhile, our company provides you with relevant products to protect painting surface of door handle. You can contact your dealer to consult and purchase.

Multiple protection



Rhinoceros hide painting protection film



## Why do tires have bulges?

Causes:

During driving, tire shoulder or edge near tire shoulder is seriously impacted by external objects (such as pit, road shoulder, rocks, etc), which causes the condition that the tire is seriously pressed between wheel rim and external object. The curtain gauze is cut, and air in tire is bulged from the cut position. Therefore, the bulge is produced.

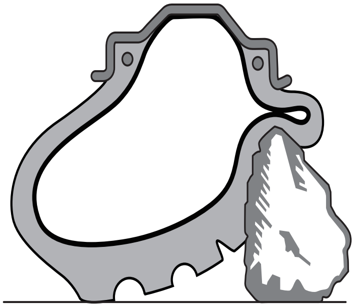
Solution:

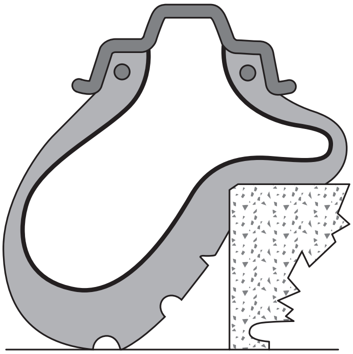
Tire bulges can greatly reduce safety and cause tire blowout. We suggest to replace the bulged tires. If you don't replace bulged tire (not seriously bulged), you should at least move it to rear wheel.

Preventive measures:

Too large or too small pressure is bad to tires. Too much air pressure may cause tire hardness, which indeed can reduce riding comfort. It's like a rubber band being tensioned too long and lost elasticity. Once a big external force is exerted, it is easy to be cut. Too little air pressure may cause tire softness, thus increasing fuel consumption. Once being impacted, tire will produce a shear stress between barrier and wheel ring and cause breaking.

In addition, it is very important to improve your driving habits. When driving at high speed on bad road condition, tire may impact deep pit or other foreign matters, which will cause serious deformation due to serious pressing between barrier and wheel rim, and cause curtain gauze cut. At this moment, air inside tire will be bulged from the cut position and form bulges. In addition, frequent go on road shoulder or scratch tire with barrier when stopping the vehicle may cause damage to tire wall and form bulges. Therefore, you should do your best to avoid above conditions.





## Since the engine is hydraulic tappet structure, why "tick, tick" sound is produced when the engine is cooling?

If air value clearance is reserved in valve mechanism, some impact and noise may be produced when the engine works. To eliminate this drawback, some engine is equipped with hydraulic tappet to eliminate valve clearance.

There is an engine oil chamber in hydraulic tappet. When the air valve is closed, the engine oil chamber is filled with oil, so that the tappet always contacts with cam. When the cam opens air valve, engine oil is squeezed out (the squeezed amount is controlled by clearance).

But when the vehicle is on cool condition, because the engine oil pressure inside hydraulic rod can't immediately reach to the specified value, there may have some noise for a short time. This is normal condition. Don't worry about it.

## How to avoid traffic accidents?

When following other cars, you should keep your head clear and keep a high alert. When driving the car, never distract yourself. Turn on signal light in advance so that other drivers can know your driving intention. Predict other driver's intention and keep an oval space around four wheels. Focusing on driving and don't pay much attention to irrelevant things.

## Why the engine should be kept at idling for some time (3 to 5 minutes) after vehicle cold start?

Accelerating immediate when the engine is started will make the turbocharger running at the maximum speed before its bearing could be lubricated fully. Such condition will damage the bearing of the turbocharger and decrease its service life.

## How to deal with a serious traffic accident?

If a traffic accident occurs when driving, both the driver and passengers have responsibility to rescue injured persons. We suggest preparing a first-aid box and practicing first-aid rescue to enrich experience in first-aid rescue.

1. Prevent accident from going on

Move the vehicle to a safe place, turn on hazard warning light, and place a warning triangle behind the vehicle to notify subsequent drivers of the accident.

2. Give the injured persons emergent treatment before the ambulance arrives.

Observe the injuries of the injured persons.

Whether the injured person still has consciousness (call injured person )

Whether the injured person is still able to breathe (check whether injured person's breast goes up and down, etc.).

Whether the injured person still has pulse (feel his pulse by putting your forefinger and middle finger on the neck of injured person).

Whether the injured person loses blood (check whether each body position of the injured person loses blood).

If the injured person loses consciousness but still has breath, you should pull up his chin to let his head tilt backward, so that he can have a smooth breath path. Encourage the injured person to wake his desire to survive.

3. Dial 120 to contact doctor and rescue the injured person.

Report the following information and wait for instructions.

Accident place

Number of injured person and conditions

Vehicle damaged condition

## What is car care? How to carry out car care?

Overview of car beauty

In early stage, cars are often cleaned by the drivers themselves. The clean tools are also very simple, such as a water tube, a brush, a bucket, a pack of detergent and a piece of cloth. For cleaning of trucks, these tools are enough; but for modern cars, these tools are unscientific and coarse. Using the above cat to perform cleaning can't clean the car well, and also may damage finish paint and cause new rusting which will shorten the vehicle service life.

“Car Beauty” is also called “Car Care” in some western countries. With the development of automobile industry, Vehicle Beauty is developed very well in western countries. They call this industry as “Car care center”, also call it “fourth industry”. The so-called fourth industry, namely involves three steps including vehicle manufacture, sales and maintenance. Car Care is a very ordinary and professional service sector. It is a completely new car maintenance concept. It has some essential differences with traditional vehicle waxing.

Car Beauty is not simply related to regular vehicle cares including vehicle waxing, stain removal, deodorization, and dust absorption and inside and outside cleaning. The Car Beauty means giving the vehicle a complete maintenance by using professional and hi-tech vehicle care equipment and technology, distinct vehicle care products and processes based on material requirements on different vehicle positions. Car Beauty can not only make the vehicle new and colorful, but also can renew old vehicle and retain new car's value, and span service life of the car.

Main Items for Car Beauty

Modern car beauty can be divided into body beauty, trim beauty and paint treatment.

Body beauty

Body beauty service includes cleaning vehicle by high pressure, asphalt and tar stain removal, waxing, coloring, and mirror surface treatment, new vehicle waxing, renovation of steel rings, tires and bumpers, and corrosion resistance and glue treatment of chassis, etc.

Trim beauty

Trim beauty service includes compartment beauty, engine beauty and cleaning of trunk, etc. Compartment beauty service includes instrument console, roof, carpet, seat sleeve, dust absorption and cleaning of trim of doors, steam sterilization, deodorization from warm air vent, and inside air purification, etc. Engine beauty service includes flushing and cleaning of engine, spraying protective polish agent, renovation, cleaning, check and maintenance of battery and three-filtration of water tank.

Paint treatment

Paint treatment service includes treatment of oxide film, paint peeling off and acid rain, and deep scratch treatment of paint surface, damage treatment of paint panel and complete vehicle painting.